

IN THE CLAIMS:

Cancel claims 1-31 and add claims 32-38 as follows:

1-31. (Cancelled).

32. (New) A prefabricated composite wall panel for the exterior wall of a structure, comprising:

a single concrete slab having an exterior face configured to be exposed to the ambient exterior of the structure and an interior face configured for the interior of the structure;

a plurality of spaced apart C-shaped, metal frame members having a web, a first flange continuous with and projecting orthogonally from one end of said web, and a second flange continuous with and projecting orthogonally from a second end of said web, said first flange being fully embedded in said concrete slab, said one end of said web being embedded in said slab and said web projecting from said interior face of said slab, and said second flange being non-embedded in concrete and spaced apart from the interior surface of said concrete slab; and

a reinforcing layer fastened to said first flange of at least one of said frame members and being fully embedded in said concrete slab;

wherein said concrete slab has a density of 400 to 1760 kg/m³ (25 to 110 pcf)

and includes entrained air that lowers the thermal conductivity of the slab and forms a thermal barrier between said metal frame members and the ambient exterior of the structure.

33. (New) The prefabricated composite wall panel of claim 32 wherein said concrete slab comprises a foaming agent.

34. (New) The prefabricated composite wall panel of claim 32 wherein said first flange includes a plurality of openings, said concrete slab extending through said openings.

35. (New) The prefabricated composite wall panel of claim 32 wherein said reinforcing layer comprises slit and expanded metal lath.

36. (New) The prefabricated composite wall panel of claim 32 further comprising at least one opening in the panel which is at least partially bounded by said frame members.

37. (New) The prefabricated composite wall panel of claim 1 further comprising at least one outer member on an outer edge of said panel, said outer member having two legs, one of said legs adjacent to and removably attached to said web.

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Reply to Office Action of November 2, 2009

38. (New) The prefabricated composite wall panel of claim 32 a concrete slab having a density of 960 to 1360 kg/m³ (60 to 85pcf).